

## UDOT RESEARCH & DEVELOPMENT REPORT ABSTRACT

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<b>7. Author(s)</b> Basha, Mujeeb A. Sharp, R. Barry		<b>8. Performing Organization Report #</b>			
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<b>15. Supplementary Notes</b>					
<b>16. Abstract</b> <p>Following is a technical research report prepared by the research division on the subject of delineator markers and their field performance. This report summarizes a one-year experimental field study conducted with assistance of maintenance division. Performance history is discussed and a draft standard drawing (prepared by traffic and safety division) is submitted for review and discussion.</p> <p>The purpose for this project was to find a faster and better method to install delineator markers. Further, to find alternative methods of marker installation which would last longer. A literature search was performed to find other significant research on this subject. Also, a nationwide questionnaire survey was solicited. From this research the concept of "target plates" and "target cylinders" was proposed to be installed as an experimental test section. During July 1996 various brands of reflective sheeting and prismatic buttons were installed on I-215 in Salt Lake county and on I-70 in Salina canyon. Performance data was collected and professional opinions taken from maintenance employees. Research recommendations include: (1) use of 4"x4" target plate riveted to post, (2) Contracting with traffic material suppliers to procure sheeting with greater retroreflective specific intensity, (3) use of plastic or metal target plates, (4) Also presented is a standard drawing for target plates, (5) Target cylinders are not recommended for use.</p>					
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